

PATENT CLAIMS

(Ins. A5)

Sub A6

1. Protective headgear (30) equipped with an electro-acoustic communication device (1) comprising a sensor (2) such as a microphone, and a receiver (3) arranged in a case (4), while connection means (5, 53) are provided destined for attaching said case (4) to said headgear (30), characterized in that the connection means (5, 53) constitute, additionally, a removable connection between the case of the communication device and the headgear.
2. Protective headgear (30) equipped with an electro-acoustic type communication device (1) characterized in that the case (4) comprises an extension (5) forming a connection tab which is engaged in a lateral guide (53) of complementary shape of headgear (30).
3. Protective headgear (30) equipped with an electro-acoustic type communication device (1) according to Claim 2, characterized in that it includes an external principal shell (31) comprising two lateral wall portions (37) corresponding to zones occupied by the ears of the user.
4. Protective headgear (30) equipped with an electro-acoustic type communication device (1) according to Claim 3, characterized in that the case (4) is arranged on the inside of headgear (30) in the zone occupied by the ear of the user.
5. Protective headgear (30) equipped with an electro-acoustic type communication device (1) according to Claim 4, characterized in that the lateral guide (53) is integral with a support piece (48) attached to the principal external shell (31) of headgear (30).

6. Protective headgear (30) equipped with an electro-acoustic type communication device (1) according to Claim 5, characterized in that the headgear is of the type comprising a deformable lining (41) comprising a headband (46), retaining a deformable partition or similar (47), said headband (46) being fixed to the headgear by at least one lateral slide (53) holding the communication device.

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6. Protective headgear (30) equipped with an electro-acoustic type communication device (1) according to any of the preceding Claims, characterized in that the communication case (4) is arranged on the inside of the headgear.

7. Protective headgear (30) equipped with an electro-acoustic type communication device (1) according to any of the preceding Claims, characterized in that the case comprises a connection cable (8) retained at the headgear in its center portion by an attachment device (15) destined to come into contact with the attachment means (450) of the chin-strap (45).

8. Protective headgear (30) equipped with an electro-acoustic type communication device (1) according to any of the preceding Claims, characterized in that the case (16) comprises two slots (19, 20), a first cylindrical slot (19) destined to receive the microphone sensor (2) and a second cylindrical slot (20), of smaller diameter, destined to accept the receiver (3).

9. Protective headgear (30) equipped with an electro-acoustic type communication device (1) according to any one of the preceding Claims, characterized in that the case (16) comprises two slots (19, 20), a first cylindrical slot (19) destined to receive the microphone sensor (2) and a second cylindrical slot (20), of smaller diameter, destined to accept the receiver (3).

10. Protective headgear (30) equipped with an electro-acoustic type communication device (1) according to Claim 9, characterized in that the microphone sensor (2) is arranged above the receiver (3).

add A7